

FIG. 1

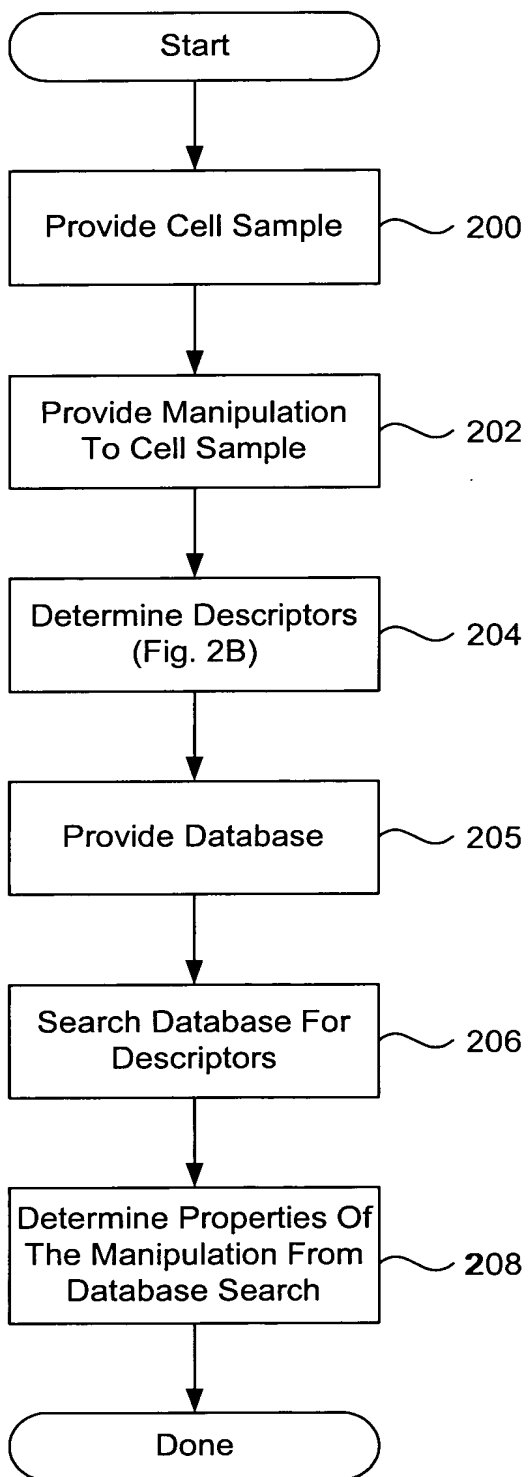
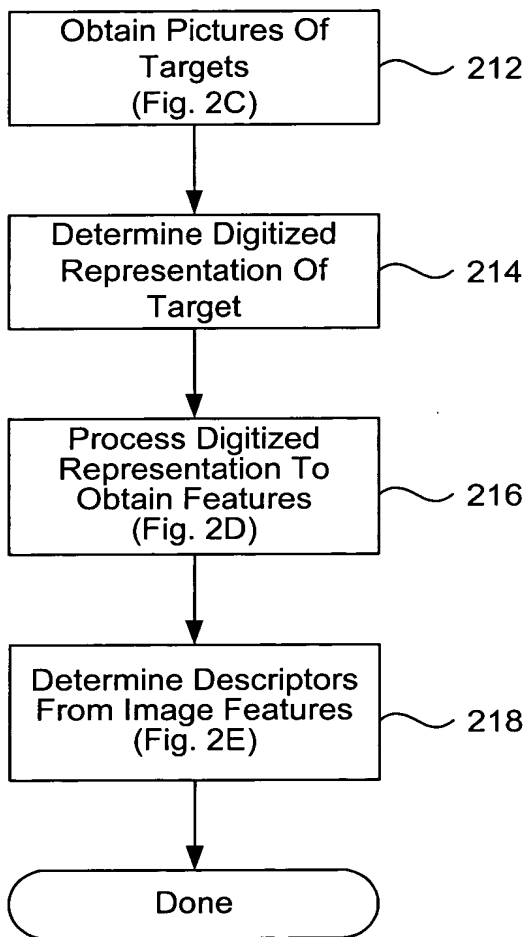


FIG. 2A

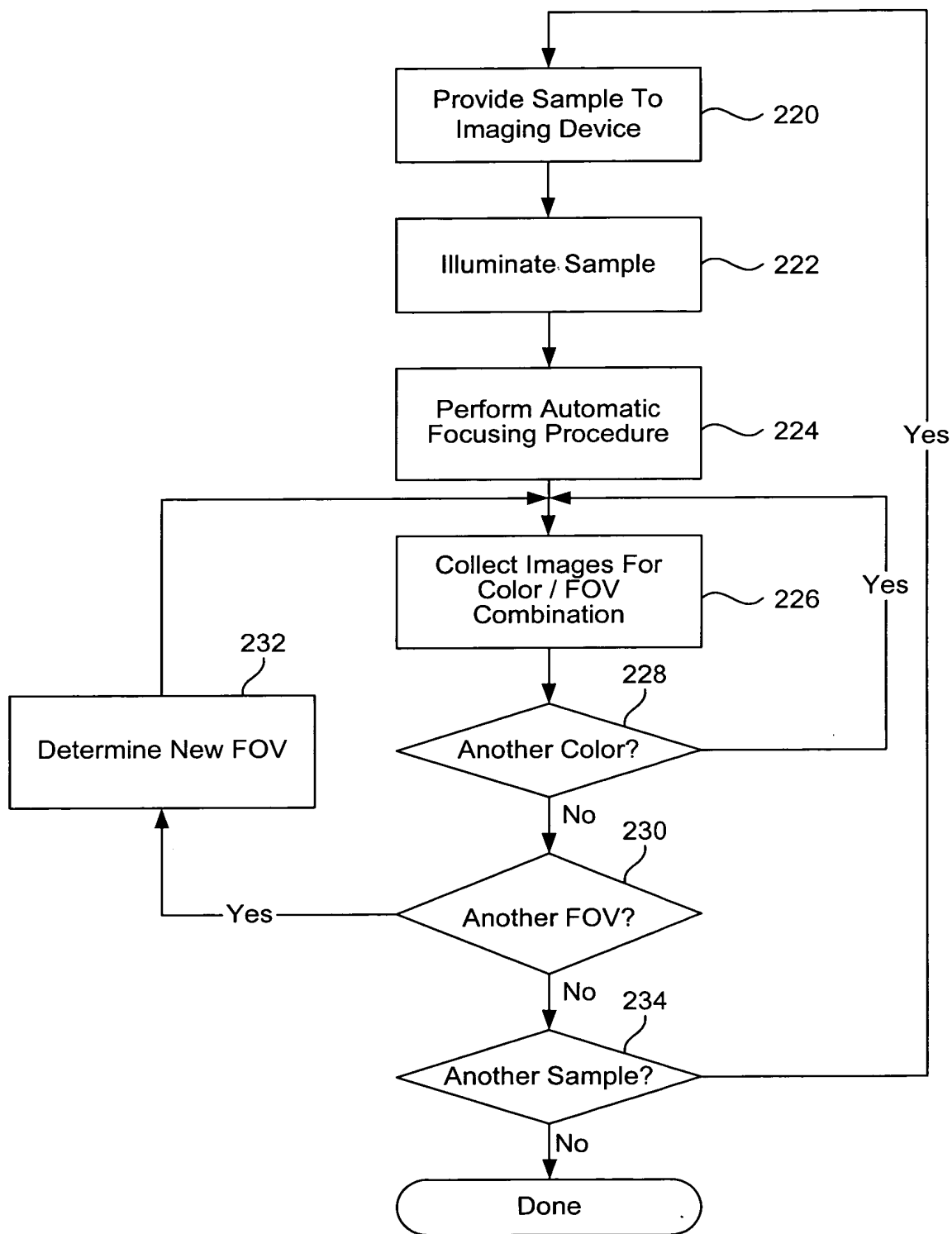
APPROVED	O.G. FIG. 1	
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**FIG. 2B**  
Step 204 of Fig. 2A

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**FIG. 2C**  
Step 214 of Fig. 2B

APPROVED	C.G. FIG. -	
CY	CLASS	SUBCLASS
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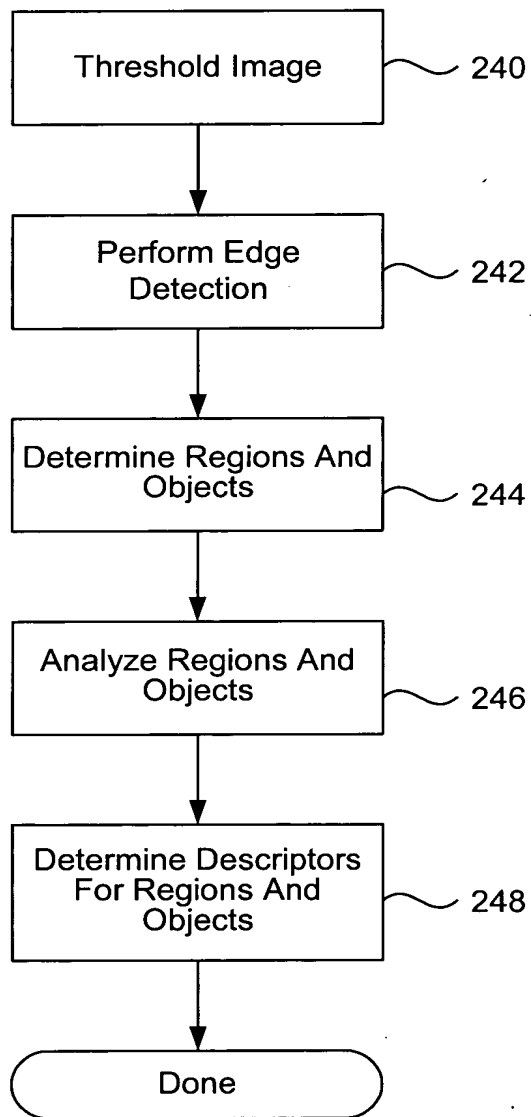


FIG. 2D  
Step 216 of Fig. 2B

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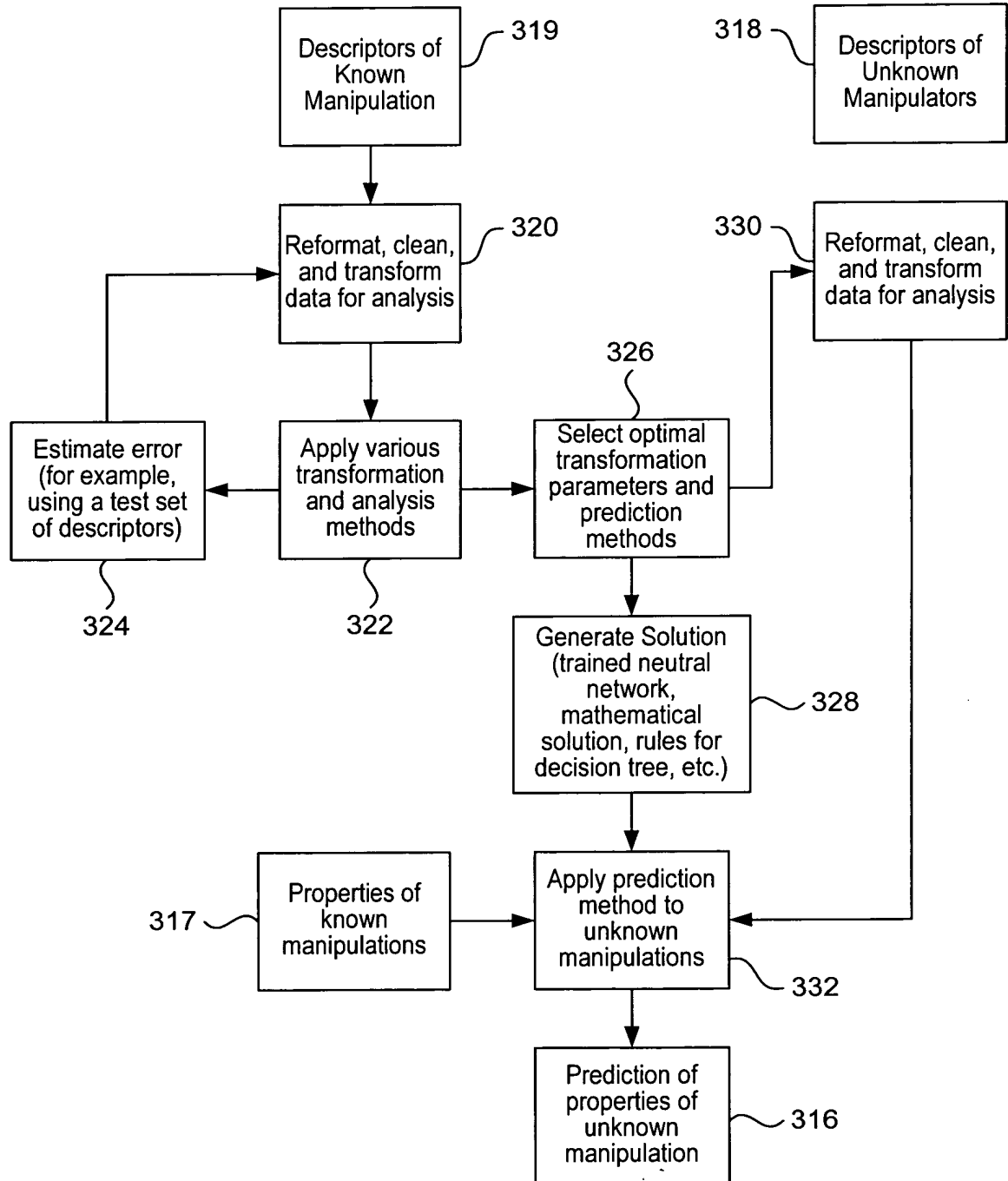


FIG. 2E

APPROVED	C.O. FIG.	
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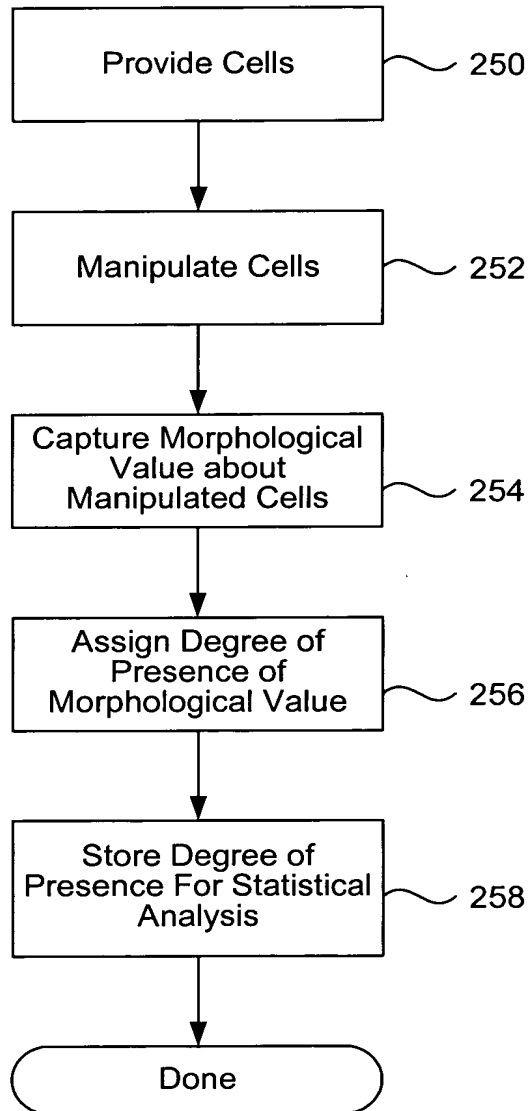


FIG. 2F

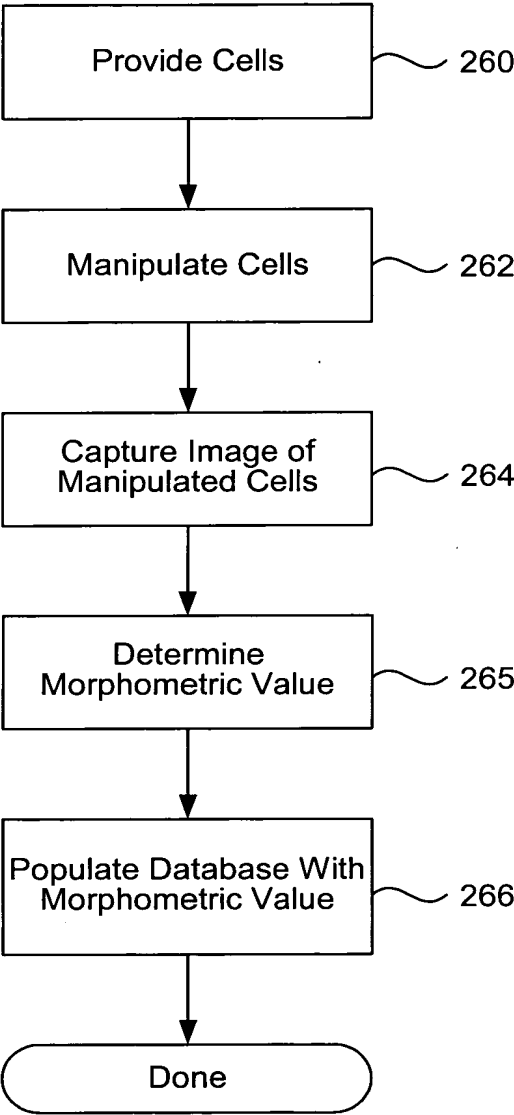


FIG. 2G



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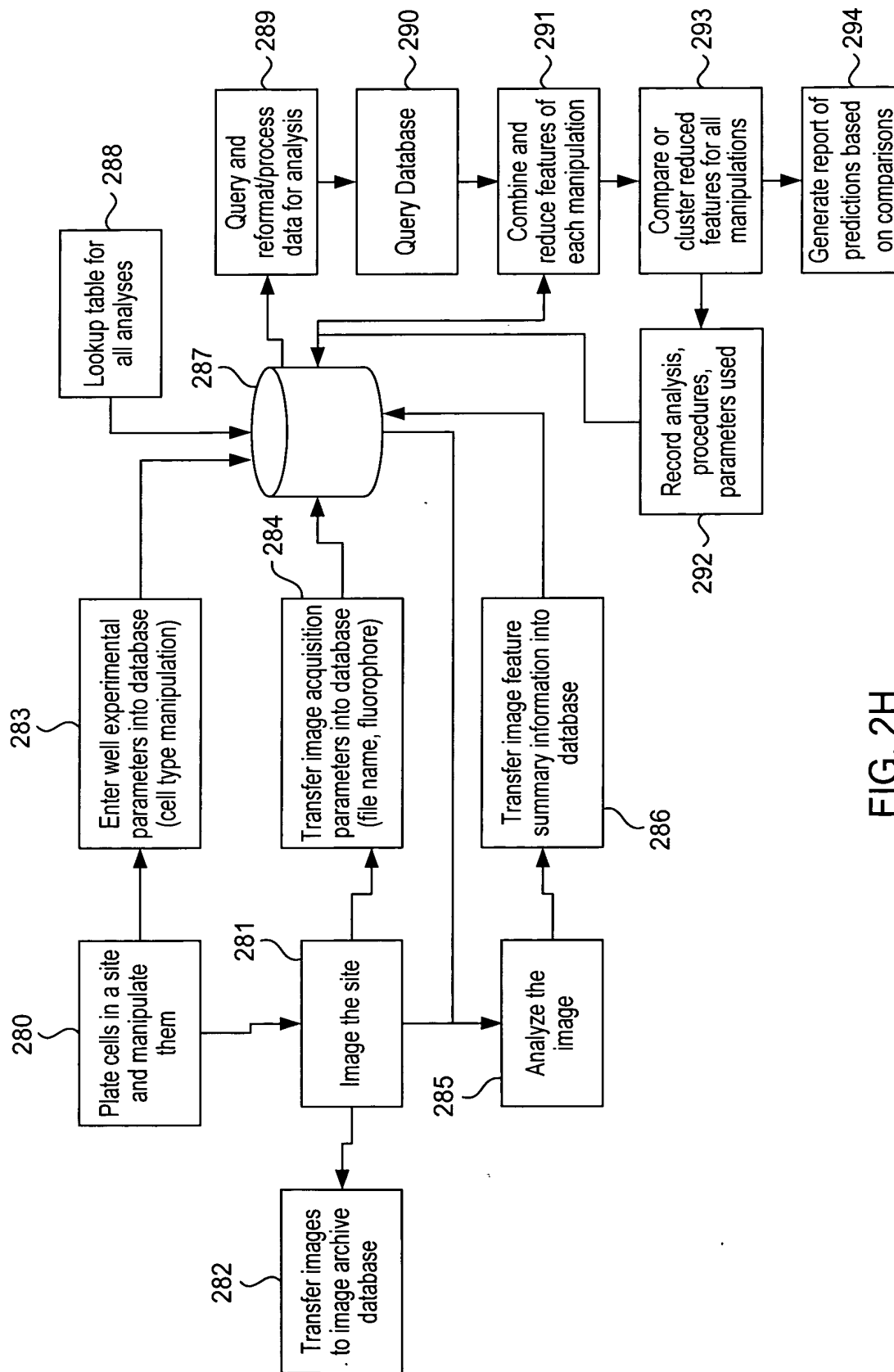


FIG. 2H

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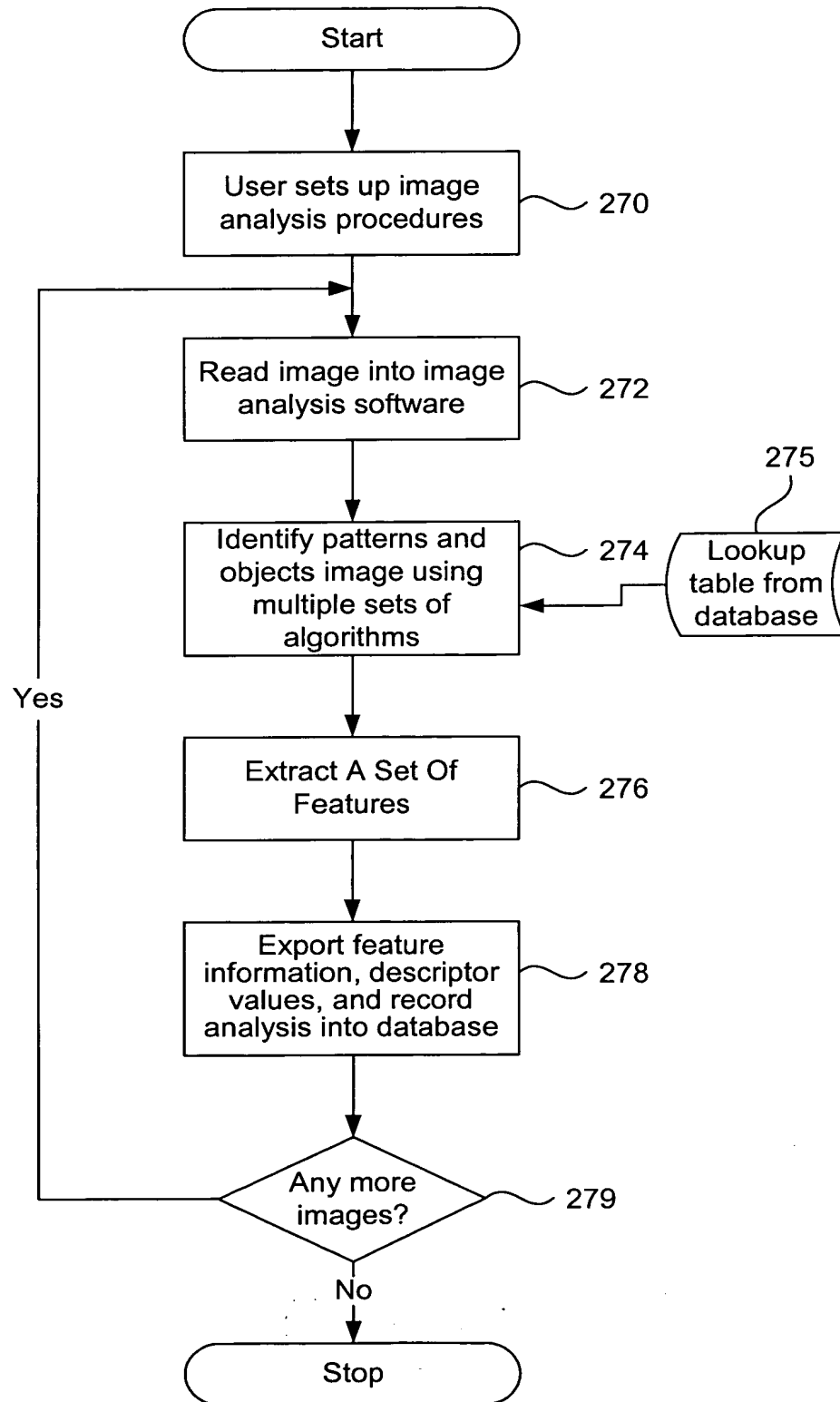


FIG. 21

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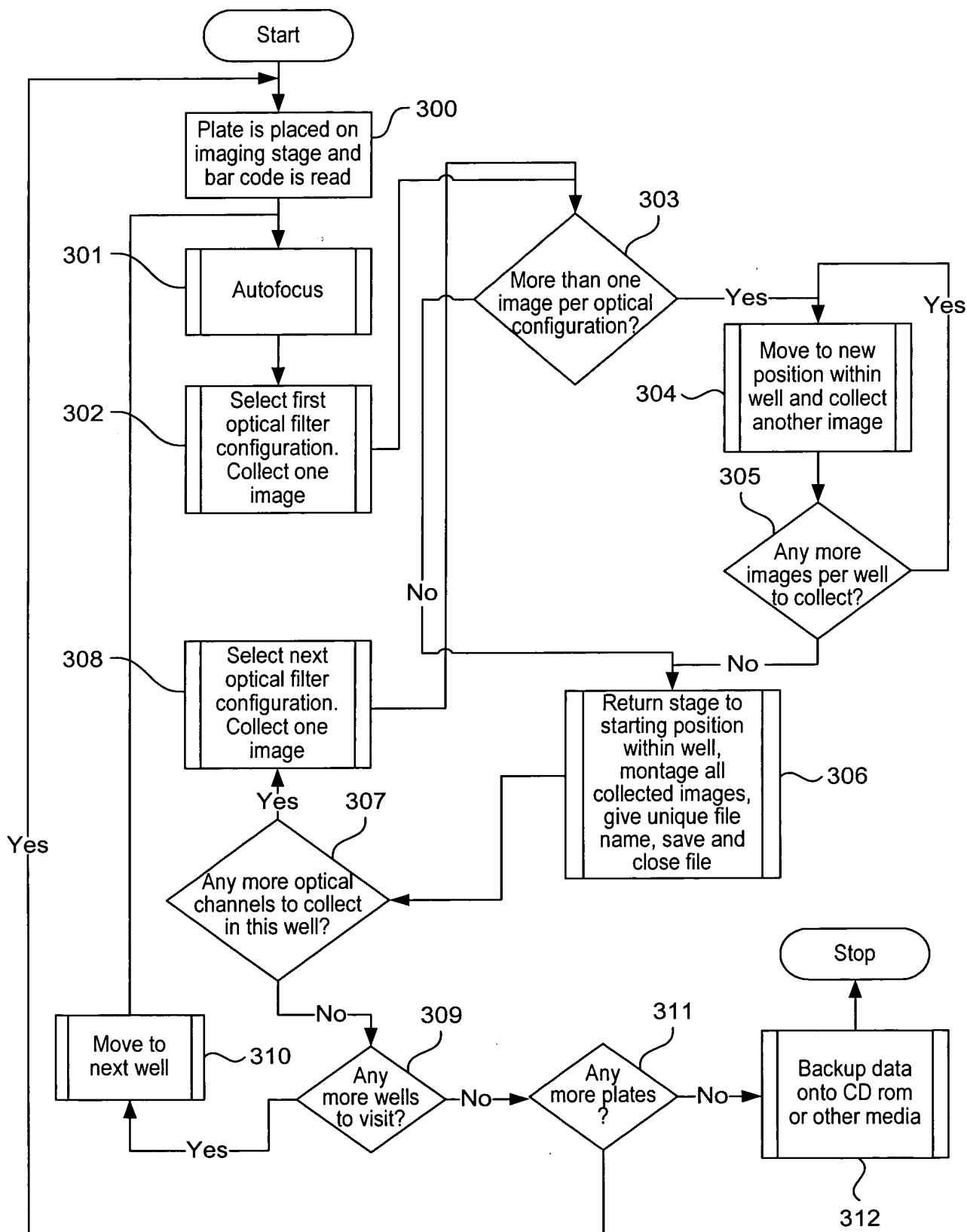


FIG. 2J

APPROVED	FIG. 2K	
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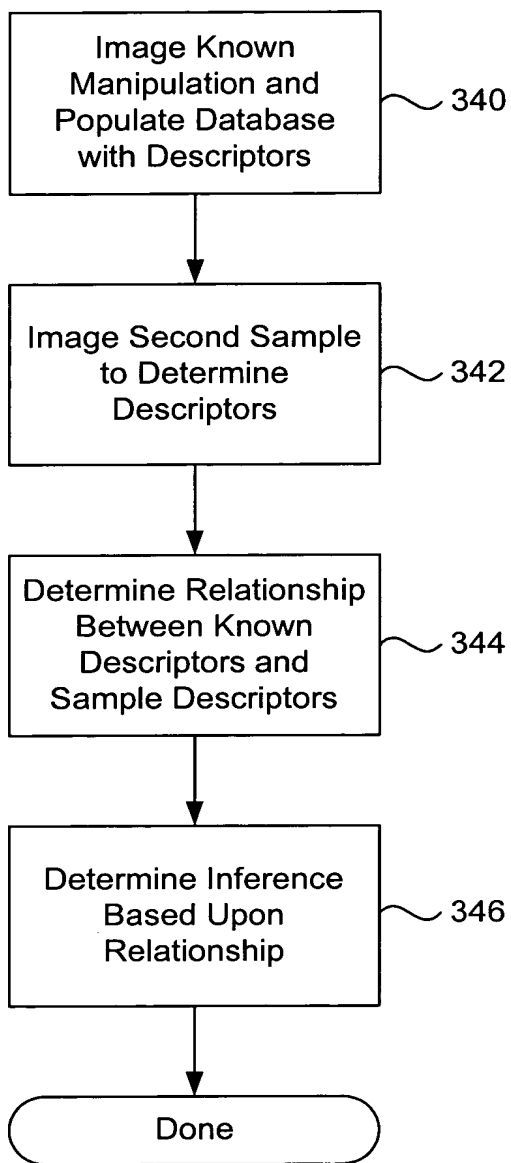


FIG. 2K

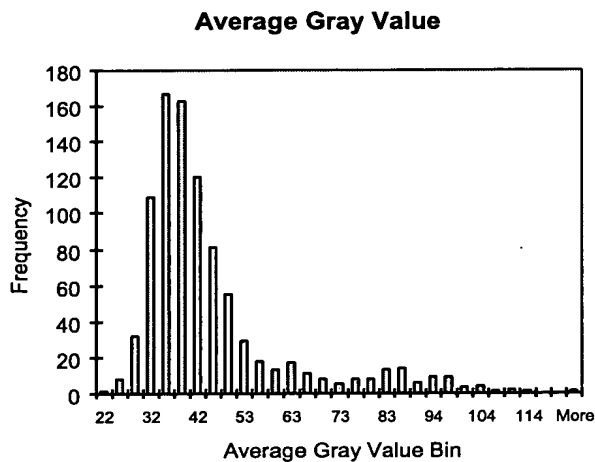


FIG. 3A

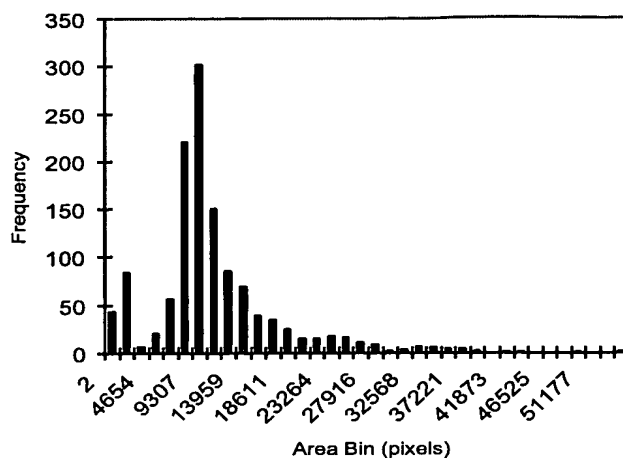


FIG. 3B

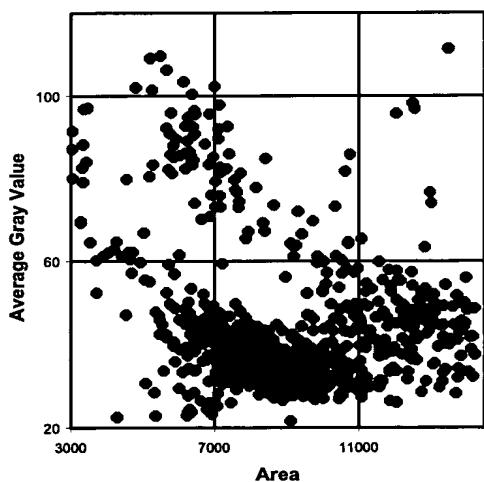


FIG. 3C

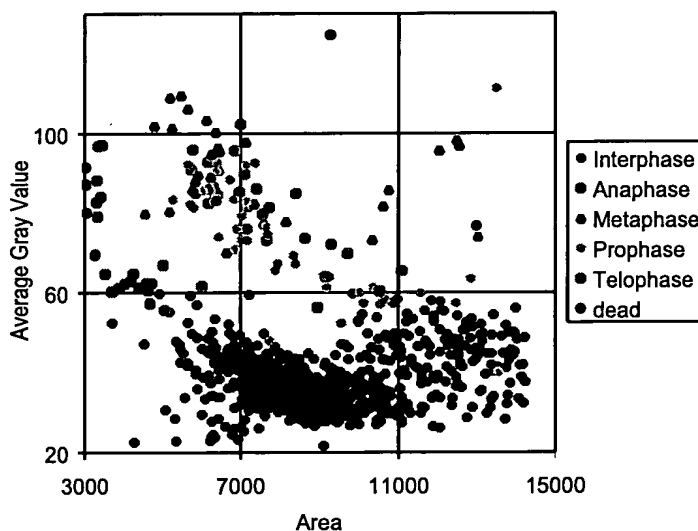


FIG. 3D

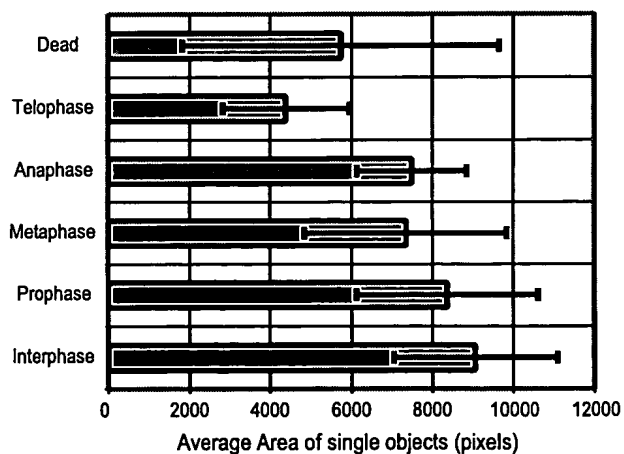


FIG. 3E

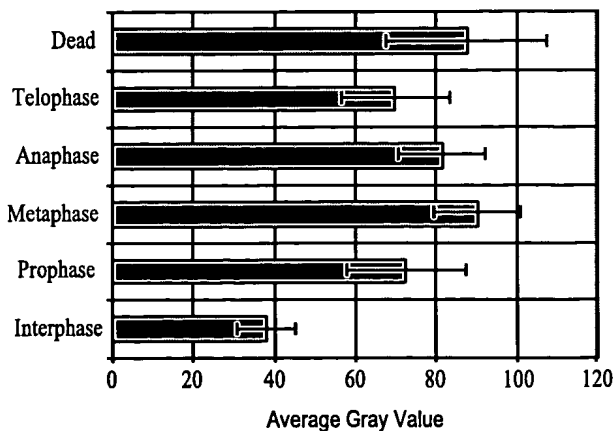


FIG. 3F

APPROVED	O.G. FIG.	
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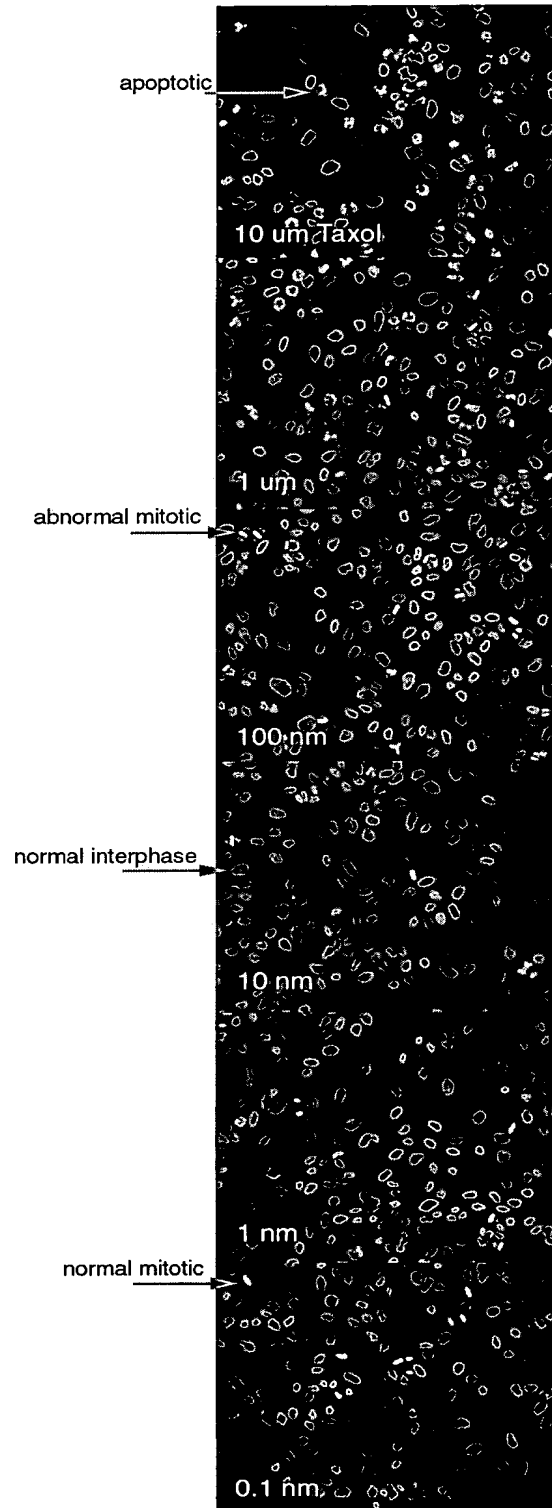


FIG. 4

MDCK cells treated with Taxol for 4.5 hours

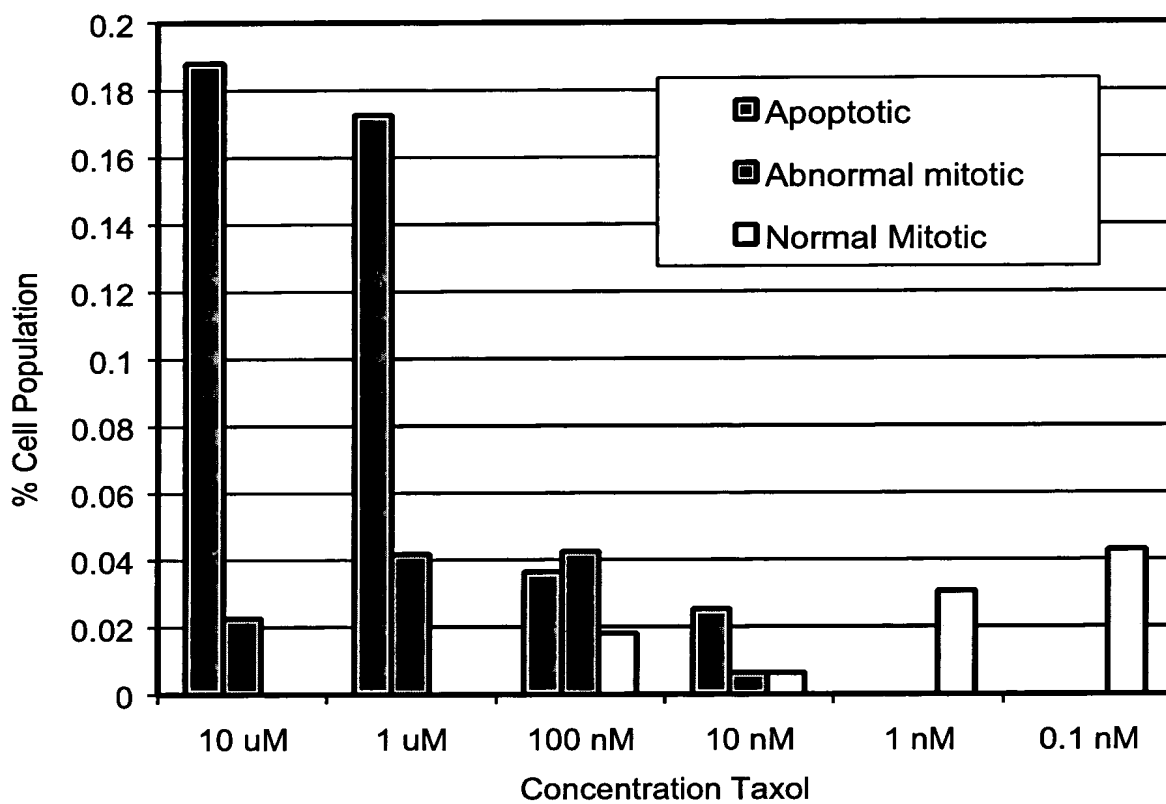


FIG. 5

APPROVED	S.G. FIG.	
BY	CLASS	SUBCLASS
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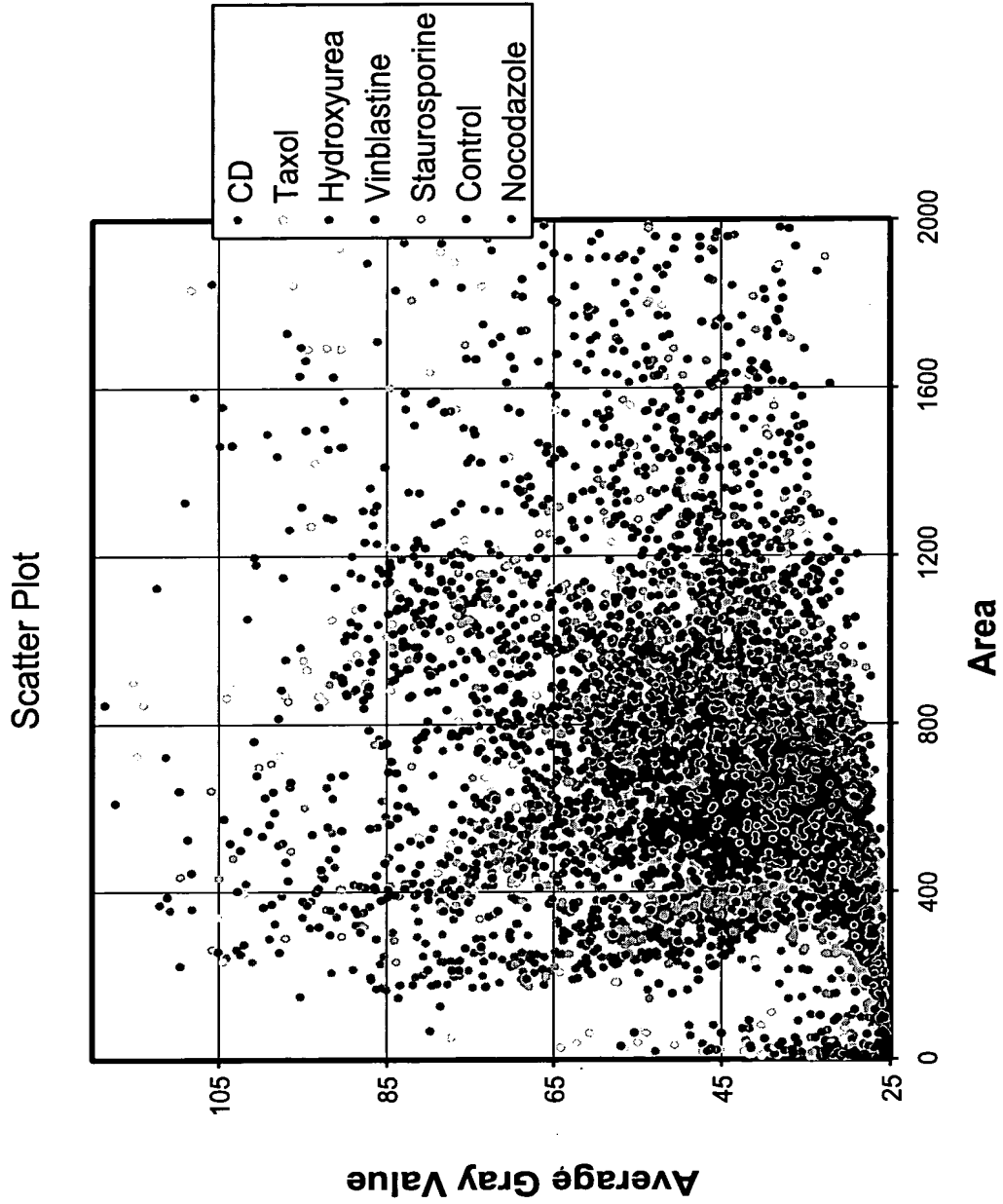


FIG. 6



APPROV. BY	O.G. FIG.	
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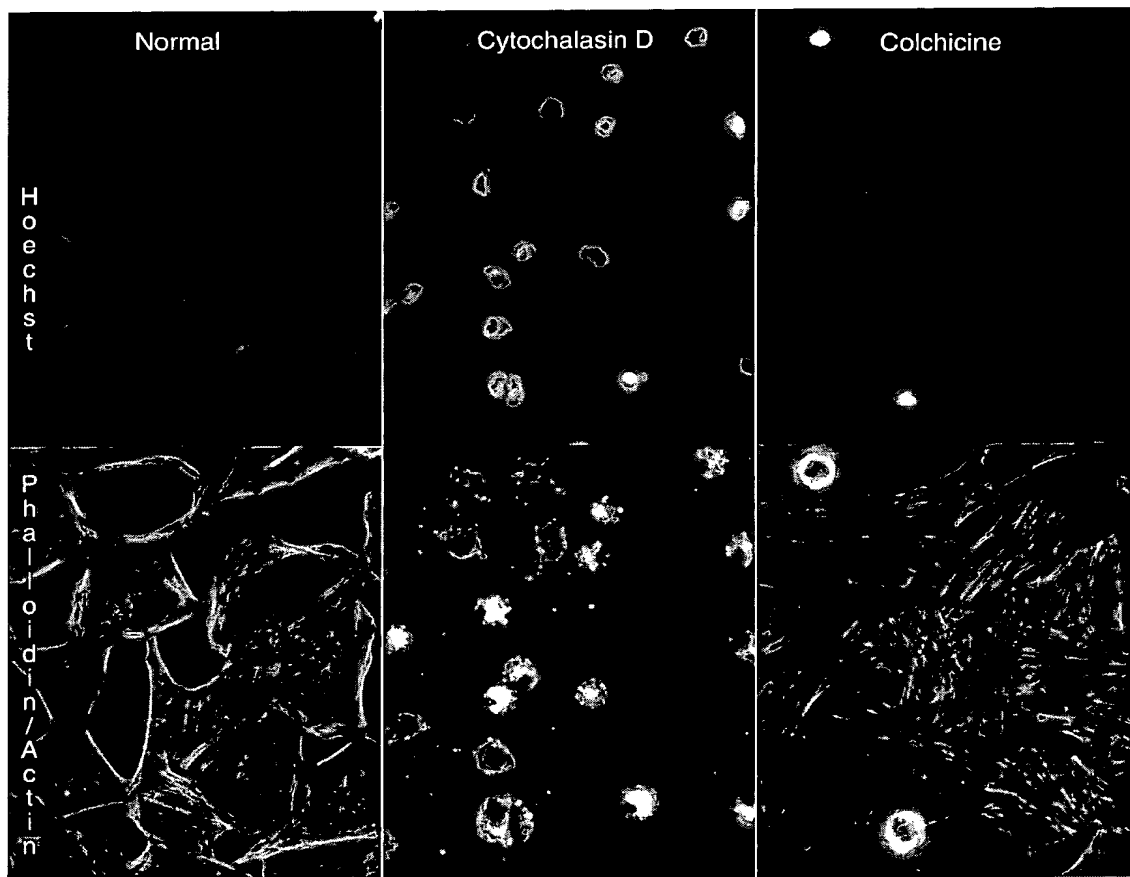


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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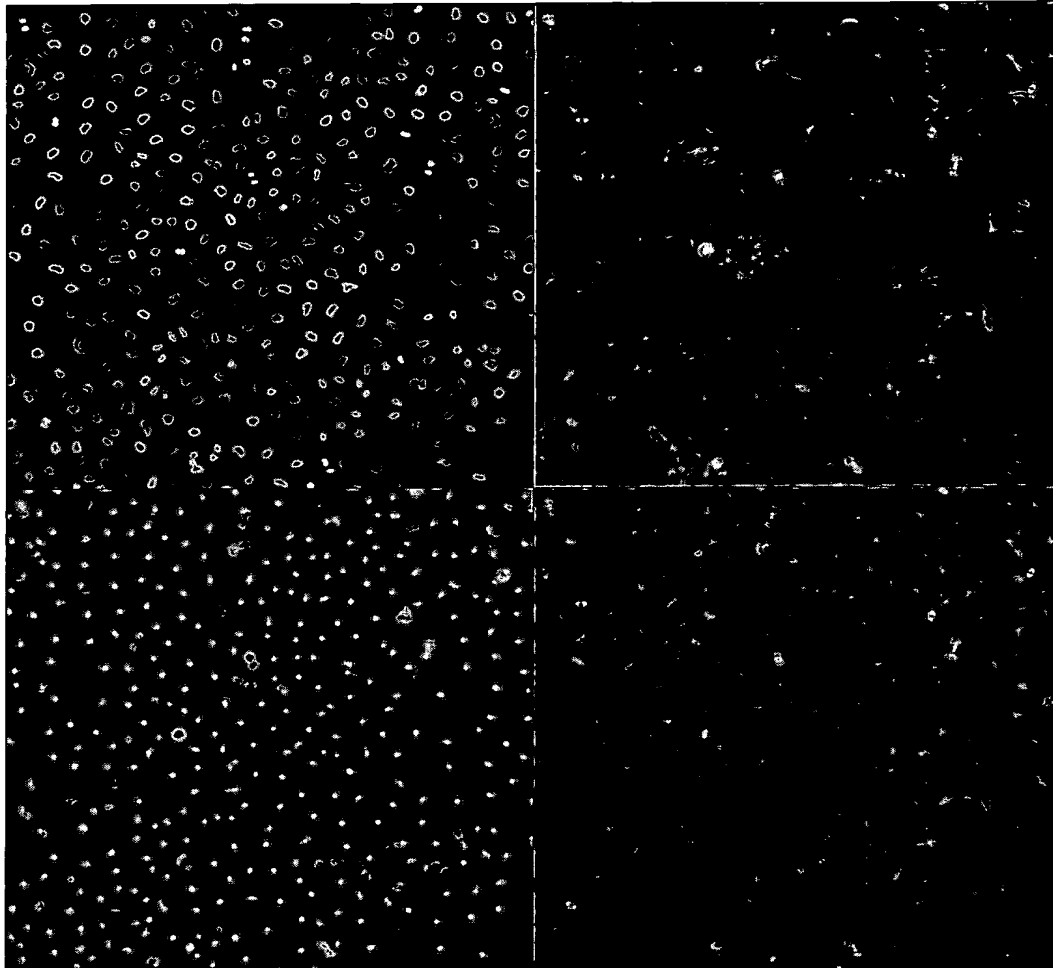


FIG. 8

APPROVED	FIG.	
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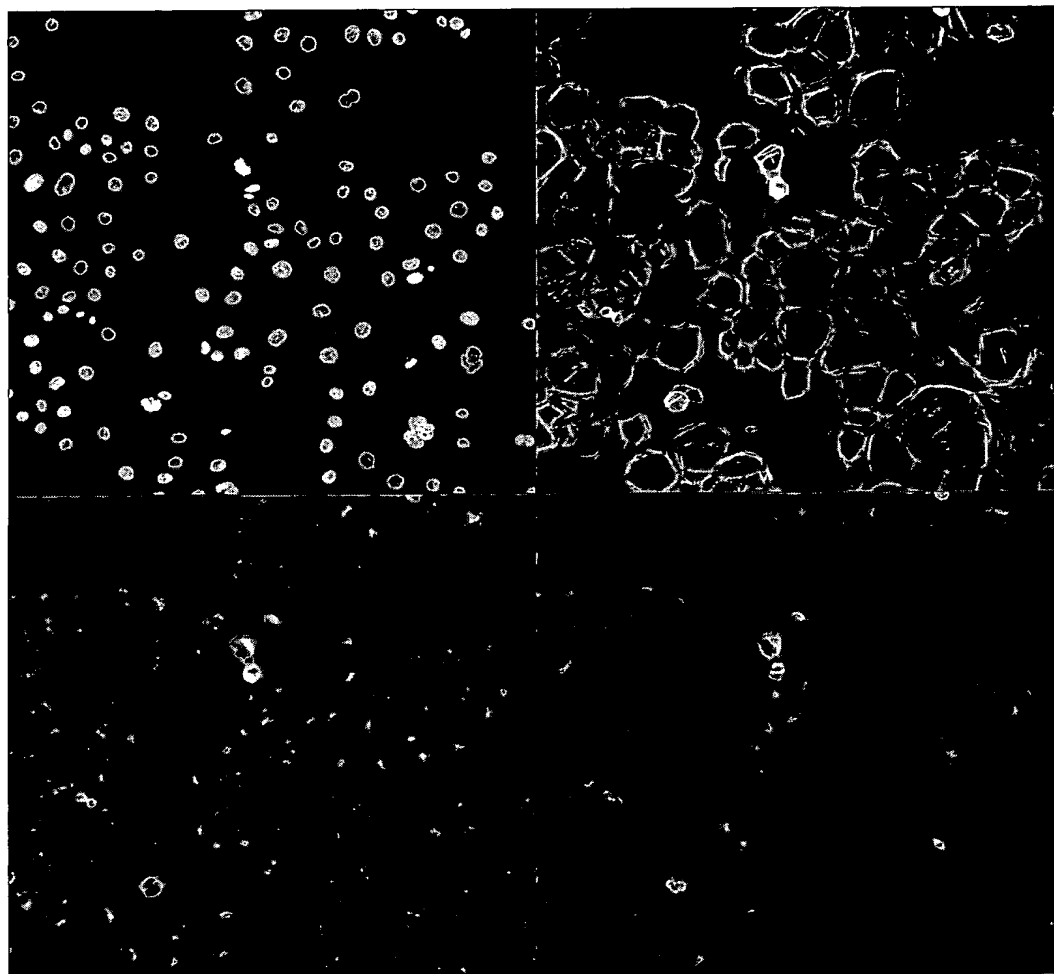


FIG. 9

APPROVED	O.G. FIG.	
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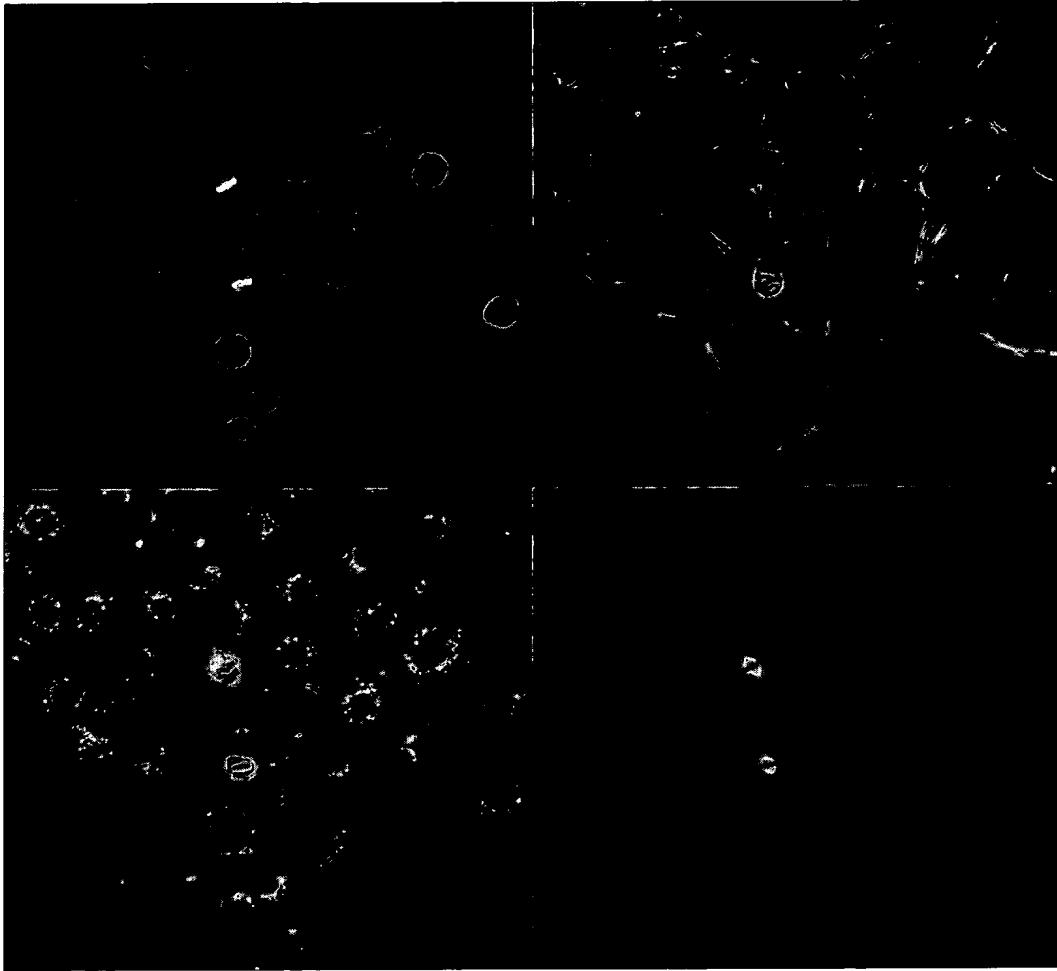


FIG. 10

APPROVED	O.G. FIG.	
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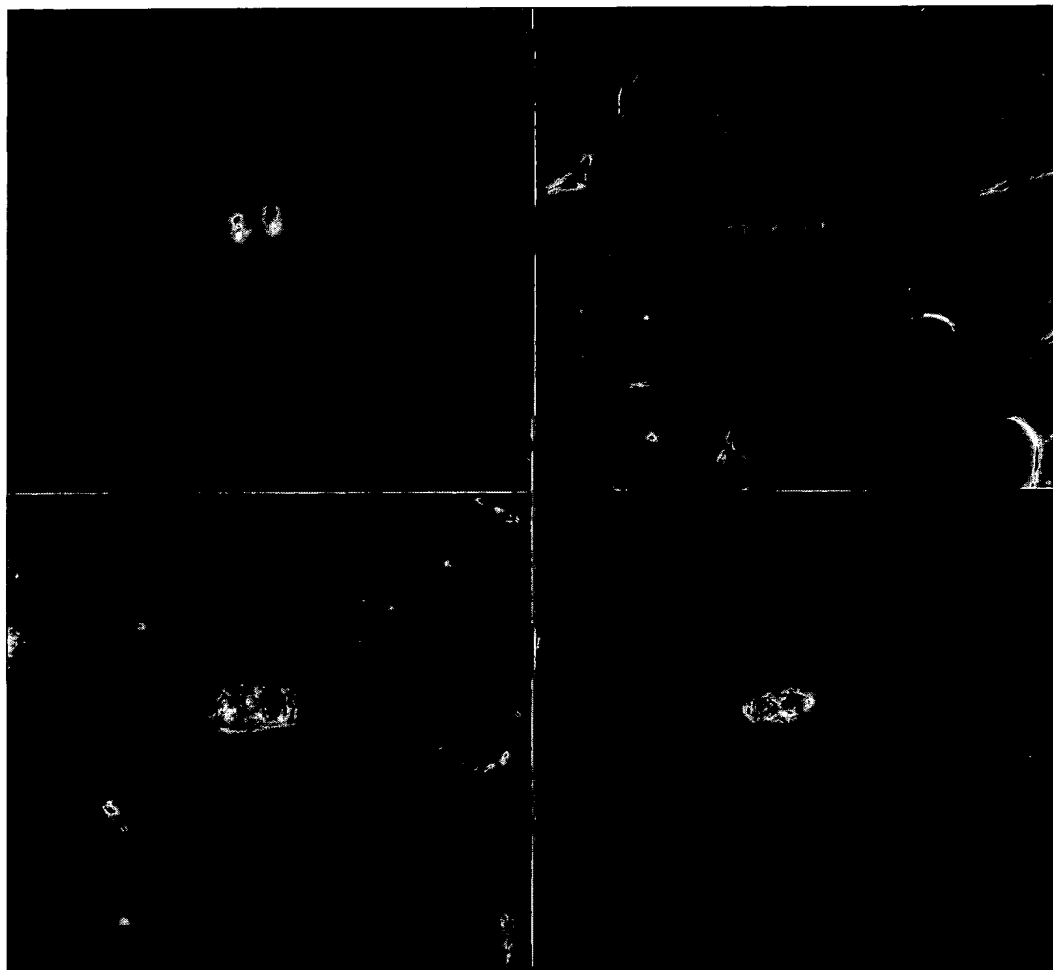


FIG. 11

APPROVED	O.G. FIG.	
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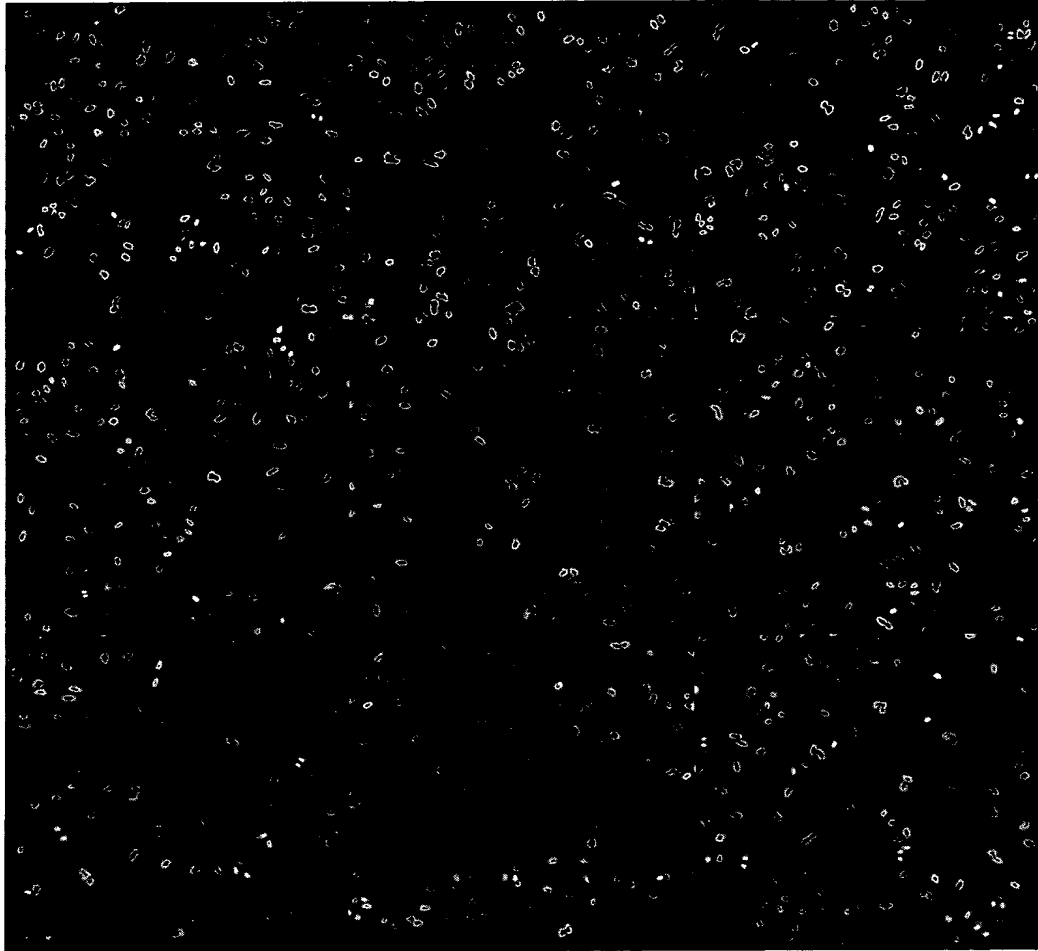


FIG. 12

Conversion of morphometric parameters into nucleic acid code and clustering of the resulting sequences using Neighbor Joining method.

Compound:	Measurements																							
	Count	Area	Perimeter	Length	Breadth	Fiber length	Fiber breadth	Shape factor	Ell. form factor	Inner radius	Outer radius	Mean radius	Equiv. radius	Equiv. sphere vol.	Equiv. prolate vol.	Equiv. oblate vol.	Equiv. sphere surface area	Average gray value	Total gray value	Optical density	Radial dispersion	Texture Difference Moment	EFA Harmonic 2, Semi-Major	EFA Harmonic 2, Semi-Minor
Control	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	a	t	t
Taxol	a	t	t	t	t	t	t	t	a	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
CD	c	a	a	a	t	a	t	t	c	a	a	a	a	a	a	a	a	t	a	a	a	t	a	g
Nocodozol	c	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
Staurosporine	g	g	c	a	a	t	a	a	t	g	a	a	a	t	g	g	g	a	a	t	a	t	a	a
Vinblastine	c	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	g	t	t	t	t	t	t
Hydroxyurea	g	t	t	t	t	t	t	g	t	t	t	t	t	t	t	t	t	t	c	t	a	t	t	t

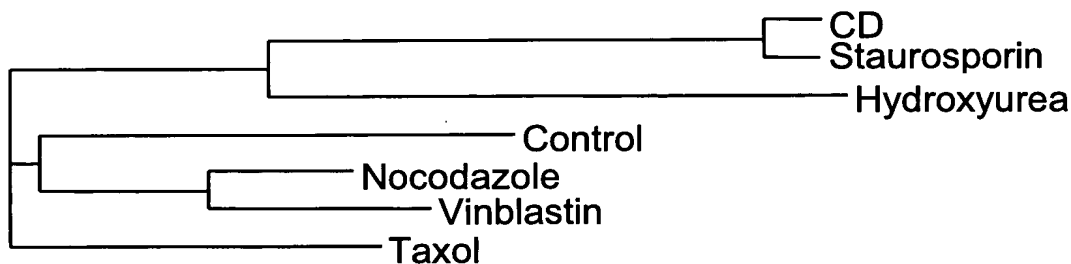
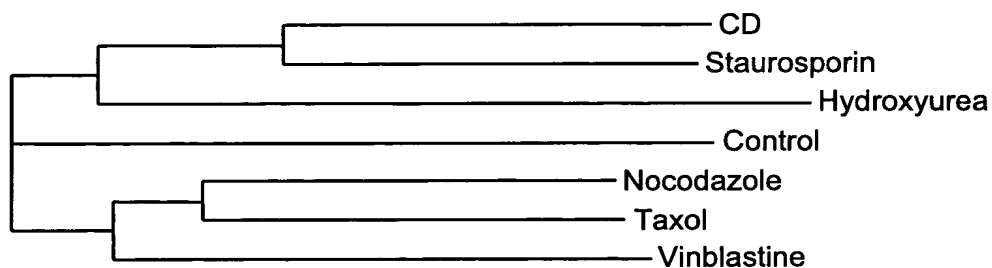


FIG. 13

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**Conversion of morphometric parameters into amino acid codes and clustering of the resulting sequences using Neighbor Joining method.**

	Count	Area	Perimeter	Length	Breadth	Fiber length	Fiber breadth	Shape factor	Ell. form factor	Inner radius	Outer radius	Mean radius	Equiv. radius	Equiv. sphere vol.	Equiv. prolate vol.	Equiv. oblate vol.	Equiv. sphere surface area	Average gray value	Total gray value	Optical density	Radial dispersion	Texture Difference Moment	EFA Harmonic 2, Semi-Major Axis	EFA Harmonic 2, Semi-Minor Axis	EFA Harmonic 2, Semi-Major A
Control	H	P	T	T	N	S	D	W	E	S	T	T	T	F	C	C	P	P	M	C	T	G	T	T	Y
Taxol	G	F	M	M	P	M	P	H	G	S	M	M	W	C	F	P	F	R	C	M	M	H	M	P	S
CD	F	G	G	G	M	G	M	K	A	G	G	G	G	G	G	G	G	H	G	G	G	M	G	V	H
Nocodazol	W	F	M	M	W	M	P	T	R	S	M	M	M	F	M	W	F	M	M	R	M	M	M	F	G
Staurosporine	N	V	A	G	G	M	G	G	Y	V	G	G	G	M	V	V	V	G	G	H	G	M	G	G	V
Vinblastine	F	W	W	M	W	W	C	W	D	S	M	W	W	M	M	M	W	M	V	E	M	M	M	F	P
Hydroxyurea	S	H	H	H	H	H	H	V	H	H	H	H	H	H	H	H	H	H	H	A	H	G	H	H	D



**FIG. 14**